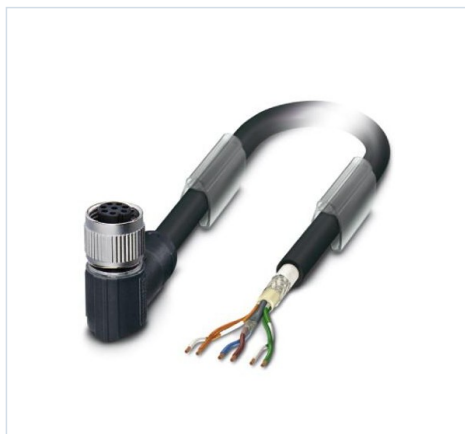


**INDUSTRIAL COMPONENT DATA**

# NBC-12,5-971/FR SCO VR 1423293 PHOENIX CONTACT Bus system cable NBC-12,5-971/FR SCO VR 1423293

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-12,5-971/FR SCO VR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-12,5-971/FR SCO VR     |
| Catalog number  | 1423293                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-EF33FF1BC9              |
| Generated       | 2026-08-06                 |

## Product Overview

Bus system cable - NBC-12,5-971/FR SCO VR - 1423293

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                       |
|--------------|-------------------------------------------------------|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |
|--------------|-------------------------------------------------------|

## Additional Product Information

Bus system cable, VARAN, 6-position, PVC, black, shielded, cable length: 12.5 m, Customer version

Key Commercial Data

Orderkey 1423293

Packing unit 1

GTIN 4055626337821

Custom tariff number 85444290

Dimensions

Length of cable 12.5 m

General data

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 6

Signal type/category VARAN

Overvoltage category II

Degree of pollution 3  
Contact material CuZn  
Contact carrier material TPU GF  
Contact surface material Ni/Au  
Standards and Regulations  
Flammability rating according to UL 94 HB  
Cable  
Cable type VARAN  
Cable type (abbreviation) 971  
UL AWM style 2461 (80°C/300 V)  
Signal type/category VARAN CAT5 (IEC 11801), 100 Mbps  
Cable structure 1X2X24/32+2X2X24/19; SF/UTP  
Conductor cross section 2x 2x 0.25 mm<sup>2</sup> (Signal line)  
2x 0.25 mm<sup>2</sup> (Power supply)  
AWG signal line 24  
AWG power supply 24  
Conductor structure signal line 19x 0.13 mm  
Conductor structure, voltage supply 32x 0.10 mm  
Core diameter including insulation 1.25 mm (Signal line)  
1.4 mm (Power supply)  
Wire colors Blue-yellow, green-orange, red-blue  
Twisted pairs 2 cores to the pair  
Overall twist 3 pairs with filler elements to the core  
Shielding Aluminum-coated foil, tinned copper braided shield  
Optical shield covering 85 %  
External sheath, color black  
Outer sheath thickness 0.9 mm  
External cable diameter D 7 mm ±0.2 mm  
Minimum bending radius, fixed installation 4 x D  
Minimum bending radius, flexible installation 8 x D  
Number of bending cycles 200000  
Minimum bending rad...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-12,5-971/FR SCO VR with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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